

Overview

This unit is for those with responsibility for servicing water treatment equipment using prescribed standard operating procedures.

The equipment to be used and the conditions necessary for the specific operations to be performed are defined in written instructions. Responsibility is limited to carrying out the defined procedure and recording the result. Any deviations from the company operating procedures are referred to others for action.

This unit deals with the following:

- 1 preparation for servicing
- 2 checking equipment and conditions
- 3 identifying the water treatment equipment
- 4 carrying out servicing safely
- 5 recording actions

During this work you must take account of the relevant worksite operational requirements, procedures and safe working practices as they apply to you.

Previous Version

None

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Performance criteria

- You must be able to:*
- P1 work safely at all times, complying with health and safety regulations and guidelines in line with company policies
 - P2 identify the service to be provided, and reason for the service
 - P3 identify equipment to be serviced
 - P4 arrange a suitable time and date for the service in accordance with company operating procedures
 - P5 ensure that all required resources are available and in operating condition
 - P6 identify with site personnel the correct equipment to be serviced
 - P7 agree with site the procedures for taking the equipment out of duty and returning to duty
 - P8 take equipment out of duty in accordance with the agreed procedure
 - P9 complete the service in accordance with company operating procedures
 - P10 deal with contingencies in line with company policy
 - P11 identify any corrective actions required and complete in accordance with company operating procedures
 - P12 return equipment to duty in accordance with the agreed procedure
 - P13 complete service report using company documentation
 - P14 provide documentation to the relevant people
 - P15 ensure workplace is left as originally found

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Knowledge and understanding

You need to know and understand:

- K1 what your personal responsibilities with regard to health and safety in the working area are
- K2 what your legal responsibility for your own health and safety, and the health and safety of others is
- K3 what working practices ensure that the working environment is conducive to good health
- K4 what the approved codes of practice/working practices are and why it is important to follow them
- K5 how and when to complete a work task risk assessment
- K6 when specific site requirements are in place and what to do to comply with them
- K7 where to find details of service to be provided
- K8 where and how to identify equipment
- K9 the company operating procedures
- K10 what resources are required
- K11 how to use any resources that are required
- K12 how to maintain any resources that are required
- K13 how to operate equipment involved
- K14 how to service and maintain the equipment
- K15 how to confirm correct operation of the water treatment equipment
- K16 what the company policy is with regard to contingencies
- K17 how to report the service results and the documentation needed
- K18 who the relevant people are
- K19 why it is important to leave the work place tidy

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Additional Information

Glossary

Water treatment equipment

Includes equipment for: ion exchange, reverse osmosis, filtration, chemical dosing and control, microbiological control, settlement and solids removal

Servicing

Includes replacement of consumable parts, identification and replacement of faulty parts, cleaning and calibration of sensors and meters, checking correct operation, adjustment

Regulations and guidelines

Includes relevant health, safety and environmental regulations, COSHH, Codes of Practice, British, European and International standards, site procedures

Company operating procedures

Includes company requirements, instructions and method statements

Resources Company documentation, test equipment, spare parts, tools, documentation, manuals and operating instructions

Documentation

Includes log book records, report, certificates, test results

Relevant people

As defined in the programme design, log book, company procedures

Contingencies

Includes equipment failure, lack of spare parts, environmental factors

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